

MINOS Near Detector Installation Job Hazard Analysis

MINOS NDI-JHA # 2

Job Description : Installation and Commissioning of Electronics Racks

Crates, power supplies, electronics module, high voltage distribution units, cables and various miscellaneous support elements (fans, smoke detectors, etc) are installed and commissioned in following the MINOS electronics

racks : 26 front end (MINDER)

 8 MASTER

 1 Clock

 2 High Voltage

Job Specific Hazards :

1. AC power distribution (110V and 220V)
2. High current, low voltage supplies attached to crates filled with custom electronics modules
3. Cooling fans, powered by 110 V AC.
4. High Voltage distribution (specifically addressed in JHA#3)

Planned Mitigation of Hazards

No work will be performed on the racks or the contents of the rack without shutting down power to the rack via the AC Relay box. The only exception to this rule is the monitoring of low voltages with a volt meter.

Reviewed and approved by Installation Supervisor :

Name

Date